Name of the Work : Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :-

Name of Agency :- M/s Karthik Enterprises

Bill No :- 1st Part Bill

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
3	Removing and Resetting of Footpath Slab (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										
	Devinagra Main Road										
	LHS From Lottegollahalli Main Road to Ring Road										
	0.00	28.50		1.00	28.50						New Rcc Drain
	28.50	34.30		1.00	5.80						New Rcc Drain
	34.30	43.50		1.00	9.20						New Rcc Drain
	43.50	73.50		1.00	50.00						New Rcc Drain
	73.50	82.00		1.00	14.17						New Rcc Drain
	82.00	90.00		1.00	8.00						New Rcc Drain
	90.00	93.50		1.00	3.50						New Rcc Drain
	93.50	113.50		1.00	20.00						New Rcc Drain
	113.50	134.00		1.00	20.50						New Rcc Drain
	134.00	164.00		1.00	30.00						New Rcc Drain
	164.00	194.00		1.00	30.00						New Rcc Drain
	194.00	208.20		1.00	14.20						New Rcc Drain
	208.20	214.00		1.00	5.80			0.90		5.22	Desilt (New Precast slab)
	214.00	244.70		1.00	30.70			0.90		27.63	R&R
	244.70	257.00		1.00	12.30			—			Kannoramma Temple road Culvert
	257.00	301.60		1.00	44.60			0.90		40.14	R&R
	301.60	306.00		1.00	4.40			—			3rd Cross Road Desilt
	306.00	338.10		1.00	32.10			0.90		28.89	R&R
	338.10	345.00		1.00	6.90						2nd Cross road
	RHS From Lottegollahalli Main Road to Ring Road										
	0.00	35.00		1.00	35.00			0.90		31.50	R&R
	35.00	65.50		1.00	30.50			0.90		27.45	R&R
	65.50	71.00		1.00	5.50			1.50		8.25	8th Cross Road Culvert R&R
	71.00	90.30		1.00	19.30			0.90		17.37	R&R
	90.30	164.30		1.00	74.00			0.90		66.60	R&R
	164.30	172.00		1.00	7.70			1.50		11.55	7th Cross Road Culvert R&R
	172.00	192.50		1.00	20.50			0.90		18.45	R&R
	192.50	198.30		1.00	5.80			—			6th Cross Road
	198.30	219.10		1.00	20.80			0.90		18.72	R&R
	219.10	225.10		1.00	6.00			—			5th Cross Road
	225.10	235.10		1.00	10.00			0.90		9.00	R&R
	235.10	241.30		1.00	6.20			—			4th Cross Road
	241.30	280.30		1.00	39.00			0.90		35.10	R&R
	280.30	285.90		1.00	5.60			—			3rd Cross
	285.90	313.80		1.00	27.90			0.90		25.11	R&R
	313.80	321.20		1.00	7.40			—			2nd Cross Work
								Total Qty in Sqm		**370.98**	

Consultant

Assistant Engineer 12/10

Assistant Executive Engineer 12/10

Assistant Executive Engineer
Kodigehalli Sub Division,
B.B.M.P.

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
4	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										
	LKR nagar main Road										
	LHS From Railway Gate to Towards SWD Drain										
	0.00	13.00		1.00	13.00			1.10	0.90	12.87	New Drain
	13.00	33.50		1.00	20.50			1.10	0.90	20.30	
	33.50	56.00		1.00	22.50			1.10	0.90	22.28	
	56.00	68.00		1.00	12.00				—		Apartment Entry
	68.00	98.00		1.00	30.00			1.10	0.90	29.70	
	98.00	134.00		1.00	36.00			1.10	0.90	35.64	
	139.50	164.00		1.00	24.50			1.10	0.90	24.26	
	164.00	194.00		1.00	30.00			1.10	0.95	31.35	
	194.00	224.00		1.00	30.00			1.10	0.85	28.05	
	224.00	257.00		1.00	33.00			1.10	0.90	32.67	
	257.00	265.70		1.00	8.70			1.10	0.90	8.61	
	265.70	273.30		1.00	7.60						Ds Max Apartmnt Road Box Culvert
	LHS From Devinagar Road to Towards Kannooramma temple Road										
	0.00	30.00	LHS	1.00	30.00			1.10	0.90	29.70	
	30.00	45.50		1.00	15.50			1.10	1.00	17.05	
	45.50	63.40		1.00	17.90			1.10	1.00	19.69	
	80.60	85.70							—	0.00	1St Cross Road
	85.70	115.70		1.00	30.00			1.10	0.95	31.35	
	115.70	132.60		1.00	16.90			1.10	0.95	17.66	
	132.60	137.50							—	0.00	2nd Cross Road
	137.50	167.20		1.00	29.70			1.10	1.00	32.67	
	Devinagra Main Road										
	LHS From Lottegollahalli Main Road to Ring Road										
	0.00	208.00		1.00	208.00						New Rcc Drain
	208.20	214.00		1.00	5.80			0.50	0.50	1.45	Desilt (New Precast slab)
	214.00	244.70		1.00	30.70			0.50	0.50	7.68	Desilt
	244.70	257.00		1.00	12.30				—		Kannoramma Temple road
	257.00	301.60		1.00	44.60			0.50	0.50	11.15	Desilt
	301.60	306.00		1.00	4.40			0.60	—		3rd Cross Road Desilt
	306.00	338.10		1.00	32.10			0.50	0.50	8.03	Desilt
	338.10	345.00		1.00	6.90						2nd Cross road
	RHS From Lottegollahalli Main Road to Ring Road										
	0.00	35.00		1.00	35.00			0.50	0.50	8.75	Desilt
	35.00	65.50		1.00	30.50			0.50	0.50	7.63	Desilt
	65.50	71.00		1.00	5.50			0.60	0.50	1.65	8th Cross Road Culvert Desilt
	71.00	90.30		1.00	19.30			0.50	0.50	4.83	Desilt
	90.30	164.30		1.00	74.00			0.50	0.50	18.50	Desilt
	164.30	172.00		1.00	7.70			0.50	0.50	1.93	7th Cross Road Desilt
	172.00	192.50		1.00	20.50			0.50	0.50	5.13	Desilt
	192.50	198.30		1.00	5.80				—		6th Cross Road
	198.30	219.10		1.00	20.80			0.50	0.50	5.20	Desilt
	219.10	225.10		1.00	6.00				—		5th Cross Road
	225.10	235.10		1.00	10.00			0.50	0.50	2.50	Desilt
	235.10	241.30		1.00	6.20				—		4th Cross Road No Work
	241.30	280.30		1.00	39.00			0.50	0.50	9.75	Desilt
	280.30	285.90		1.00	5.60				—		3rd Cross Work
	285.90	313.80		1.00	27.90			0.50	0.50	6.98	Desilt Not Done
	313.80	321.20		1.00	7.40				—		2nd Cross Work
								Total Qty in Cum		**494.96**	

Consultant

Assistant Engineer 12/10

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli										
BOQ No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
5	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)									
	LKR nagar main Road									
	LHS From Railway Gate to Towards SWD Drain									
	0.00	13.00		1.00	13.00			1.10	0.10	1.43	
	13.00	33.50		1.00	20.50			1.10	0.10	2.26	
	33.50	56.00		1.00	22.50			1.10	0.10	2.48	
	68.00	98.00		1.00	30.00			1.10	0.10	3.30	
	98.00	134.00		1.00	36.00			1.10	0.10	3.96	
	139.50	164.00		1.00	24.50			1.10	0.10	2.70	
	164.00	194.00		1.00	30.00			1.10	0.10	3.30	
	194.00	224.00		1.00	30.00			1.10	0.10	3.30	
	224.00	257.00		1.00	33.00			1.10	0.10	3.63	
	257.00	265.70		1.00	8.70			1.10	0.10	0.96	
	265.70	273.30		1.00	7.60						Ds Max Apartmnt Road Box Culvert
	LHS From Devinagar Road to Towards Kannooramma temple Road										
	0.00	30.00		1.00	30.00			1.10	0.10	3.30	
	30.00	45.50		1.00	15.50			1.10	0.10	1.71	
	45.50	63.40		1.00	17.90			1.10	0.10	1.97	
	63.40	80.60								0.00	Work Not Done
	80.60	85.70								0.00	1St Cross Road
	85.70	115.70		1.00	30.00			1.10	0.10	3.30	
	115.70	132.60		1.00	16.90			1.10	0.10	1.86	
	132.60	137.50								0.00	2nd Cross Road
	137.50	167.20		1.00	29.70			1.10	0.10	3.27	
							Total Qty in Cum			42.70	

Consultant

Assistant Engineer W.08 28/10

Assistant Executive Engineer 28/10/17

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P
Bangalore

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli											
BOQ No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
6	Providing laying plain/ reinforced cement concrete **M20 Grade for Box Drain** walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, I.No.37.59.2 of PW, P&IWTD SR 2016-17)										
	LKR nagar main Road										
	LHS From Railway Gate to Towards SWD Drain										
	0.00	13.00		1.00	13.00			0.90	0.15	1.76	
	13.00	33.50		1.00	20.50			0.90	0.15	2.77	
	33.50	56.00		1.00	22.50			0.90	0.15	3.04	
	68.00	98.00		1.00	30.00			0.90	0.15	4.05	
	98.00	134.00		1.00	36.00			0.90	0.15	4.86	
	139.50	164.00		1.00	24.50			0.90	0.15	3.31	
	164.00	194.00		1.00	30.00			0.90	0.15	4.05	
	194.00	224.00		1.00	30.00			0.90	0.15	4.05	
	224.00	257.00		1.00	33.00			0.90	0.15	4.46	
	257.00	265.70		1.00	8.70			0.90	0.15	1.17	
	LHS From Devinagar Road to Towards Kannooramma temple Road										
	0.00	30.00		1.00	30.00			0.90	0.15	4.05	
	30.00	45.50		1.00	15.50			0.90	0.15	2.09	
	45.50	63.40		1.00	17.90			0.90	0.15	2.42	
	85.70	115.70		1.00	30.00			0.90	0.15	4.05	
	115.70	132.60		1.00	16.90			0.90	0.15	2.28	
	137.50	167.20		1.00	29.70			0.90	0.15	4.01	
	Side Wall Concre										
	LKR nagar main Road										
	LHS From Railway Gate to Towards SWD Drain										
	0.00	13.00		2.00	13.00			0.15	0.65	2.54	
	13.00	33.50		2.00	20.50			0.15	0.60	3.69	
	33.50	56.00		2.00	22.50			0.15	0.60	4.05	
	68.00	98.00		2.00	30.00			0.15	0.65	5.85	
	98.00	134.00		2.00	36.00			0.15	0.60	6.48	
	139.50	164.00		2.00	24.50			0.15	0.60	4.41	
	164.00	194.00		2.00	30.00			0.15	0.60	5.40	
	194.00	224.00		2.00	30.00			0.15	0.60	5.40	
	224.00	257.00		2.00	33.00			0.15	0.60	5.94	
	257.00	265.70		2.00	8.70			0.15	0.65	1.70	
	LHS From Devinagar Road to Towards Kannooramma temple Road										
	0.00	30.00		2.00	30.00			0.15	0.60	5.40	
	30.00	45.50		2.00	15.50			0.15	0.70	3.26	
	45.50	63.40		2.00	17.90			0.15	0.75	4.03	
	85.70	115.70		2.00	30.00			0.15	0.65	5.85	
	115.70	132.60		2.00	16.90			0.15	0.65	3.30	
	137.50	167.20		2.00	29.70			0.15	0.70	6.24	
							Total Qty in Cum			**125.92**	

Consultant

Assistant Engineer 1/8/11

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli										
BOQ No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
10	KSRB - 4.9.2: Providing TMT steel Fe500 reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
							Unit weight of steel / meter			
	New Drain									
	LHS									
	10mm main U bars									
	inner main bars	1	3882	2.10			0.617		5029.91	
	Distribution bars									
	8mm Dia bars									
	inner main bars	1	9	388.20			0.390		1362.58	
									6392.49	**kgs**
							Total		**6.39**	**MT**

Consultant

Assistant Engineer 2/11

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli											
BOQ I[illegible] No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
11	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)										
	LKR nagar main Road										
	LHS From Railway Gate to Towards SWD Drain										
	0.00	13.00		1.00	13.00			0.90		11.70	New Bs Slab
	13.00	33.50		1.00	20.50			0.90		18.45	New Bs Slab
	33.50	56.00		1.00	22.50			0.90		20.25	New Bs Slab
	68.00	98.00		1.00	30.00			0.90		27.00	New Bs Slab
	98.00	134.00		1.00	36.00			0.90		32.40	New Bs Slab
	139.50	164.00		1.00	24.50			0.90		22.05	New Bs Slab
	164.00	194.00		1.00	30.00			0.90		27.00	New Bs Slab
	194.00	224.00		1.00	30.00			0.90		27.00	New Bs Slab
	224.00	257.00		1.00	33.00			0.90		29.70	New Bs Slab
	257.00	265.70		1.00	8.70			0.90		7.83	New Bs Slab
							Total Qty in Sqm			223.38	

Consultant

Assistant Engineer 30/11

Assistant Executive Engineer 30/11

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli											
BOQ I[redacted] No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
12	KSRB 5-9 : Providing chamfering edges to stone slab 2.5 cms. wide as per specifications, (only chamfered length shall be recorded) KBS 5.1.13 (P.No.24, I.No.5.22 of PW,P&IWTD SR 2016-17)										
	LKR nagar main Road										
	LHS From Railway Gate to Towards SWD Drain										
	0.00	13.00		22.00				3.00		66.00	
	13.00	33.50		34.00				3.00		102.00	
	33.50	56.00		38.00				3.00		114.00	
	68.00	98.00		50.00				3.00		150.00	
	98.00	134.00		60.00				3.00		180.00	
	139.50	164.00		41.00				3.00		123.00	
	164.00	194.00		50.00				3.00		150.00	
	194.00	224.00		50.00				3.00		150.00	
	224.00	257.00		55.00				3.00		165.00	
	257.00	265.70		15.00				3.00		45.00	
								Total Qty in Sqm		1245.00	

Consultant

Assistant Engineer 30/11

Assistant Executive Engineer

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli											
BOQ I[illegible] No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
13	Providing One line dressing to granite stone slab/ granite stone masonry as per speciication (P.No.23, I.No.5.17 of PW,P&IWTD SR 2016-17)										
	LKR nagar main Road										
	LHS From Railway Gate to Towards SWD Drain										
	0.00	13.00		22.00	0.60			0.90		11.88	
	13.00	33.50		34.00	0.60			0.90		18.36	
	33.50	56.00		38.00	0.60			0.90		20.52	
	68.00	98.00		50.00	0.60			0.90		27.00	
	98.00	134.00		60.00	0.60			0.90		32.40	
	139.50	164.00		41.00	0.60			0.90		22.14	
	164.00	194.00		50.00	0.60			0.90		27.00	
	194.00	224.00		50.00	0.60			0.90		27.00	
	224.00	257.00		55.00	0.60			0.90		29.70	
	257.00	265.70		15.00	0.60			0.90		8.10	
							Total Qty in Sqm			224.10	

Consultant

Assistant Engineer 30/11

Assistant Executive Engineer 30/11/17

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli											
BOQ I[redacted] No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
20	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)										
	Devinagra Main Road										
	LHS From Lottegollahalli Main Road to Ring Road										
	90.00	93.50		1.00	3.50			0.90		3.15	New Precast Cover
	93.50	113.50		1.00	20.00			0.90		18.00	New Precast Cover
	113.50	134.00		1.00	20.50			0.90		18.45	New Precast Cover
	134.00	164.00		1.00	30.00			0.90		27.00	New Precast Cover
	164.00	194.00		1.00	30.00			0.90		27.00	New Precast Cover
	194.00	208.20		1.00	14.20			0.90		12.78	New Precast Cover
	208.20	214.00		1.00	5.80			0.90		5.22	Missing New Precast slab
	257.00	279.60		1.00	22.60			0.90		20.34	Missing New Precast slab
							Total Qty in Sqm			**131.94**	

Consultant

Assistant Engineer 30/11

Assistant Executive Engineer 30/11/12

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli											
BOQ No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
22	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (P.No.25, I.No.5.30 of PW,P&IWTD S.R 2016-17)										
	Devinagra Main Road										
	LHS From Lottegollahalli Main Road to Ring Road										
	0.00	28.50		1	28.50			/.45		63.00	
	34.30	43.50		1	9.20			/.45		20.00	
	43.50	73.50		1	30.00			/.45		67.00	
	73.50	82.00		1	8.50			/.45		19.00	
	LKR nagar main Road										
	LHS From Railway Gate to Towards SWD Drain										
	0.00	13.00		1.00	13.00			/.45		29.00	
	13.00	33.50		1.00	20.50			/.45		46.00	
	33.50	56.00		1.00	22.50			/.45		50.00	
	68.00	98.00		1.00	30.00			/.45		67.00	
	98.00	134.00		1.00	36.00			/.45		80.00	
	139.50	164.00		1.00	24.50			/.45		54.00	
	164.00	194.00		1.00	30.00			/.45		67.00	
	194.00	224.00		1.00	30.00			/.45		67.00	
	224.00	257.00		1.00	33.00			/.45		73.00	
	257.00	265.70		1.00	8.70			/.45		19.00	
	273.30	286.60		1.00	13.30			/.45		30.00	
	286.60	310.40		1.00	23.80			/.45		53.00	
	310.40	361.40		1.00	51.00			/.45		113.00	
								Total Qty in Nos		**917.00**	

Consultant

Assistant Engineer 1/12/17

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
25	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)										
	LKR nagar main Road										
	LHS From Railway Gate to Towards SWD Drain										
	0.00	19.60			19.60	0.50	0.60	0.55	0.30	3.23	Widening Portion
	19.60	82.10			62.50	3.30	3.50	3.40	0.30	63.75	Widening Portion
	82.10	112.10			30.00	3.50	2.90	3.20	0.30	28.80	Widening Portion
	112.10	142.10			30.00	2.90	1.20	2.05	0.30	18.45	Widening Portion
	142.10	177.60			35.50	1.20	1.20	1.20	0.30	12.78	Widening Portion
					21.00	1.30	1.30	1.30	0.30	8.19	UGD Cut Sinkage Portion
	177.60	207.60			30.00	1.20	2.65	1.93	0.30	17.33	Widening Portion & Bwssb Cut
	207.60	237.60			30.00	2.65	1.50	2.08	0.30	18.68	Widening Portion & Bwssb Cut
	237.60	267.60			30.00	1.50	3.20	2.35	0.30	21.15	Widening Portion & Bwssb Cut
	267.60	297.60			30.00	3.20	3.30	3.25	0.30	29.25	Widening Portion & Bwssb Cut
	297.60	327.60			30.00	3.30	2.10	2.70	0.30	24.30	Widening Portion & Bwssb Cut
	327.60	340.00			12.40	2.10	2.00	2.05	0.30	7.63	Widening Portion & Bwssb Cut
	RHS From Railway Gate to Towards SWD Drain										
	250.00	280.00			30.00	0.60	0.60	0.60	0.25	4.50	Widening Portion
	280.00	300.00			20.00	0.60	0.60	0.60	0.25	3.00	Widening Portion
	Devinagara Main Road										
	LHS From Lottegollahalli Main Road to Ring Road										
	0.00	30.00			30.00	2.60	1.50	2.05	0.30	18.45	Widening Portion & Bwssb Cut
	30.00	60.00			30.00	2.50	2.60	2.55	0.30	22.95	Widening Portion & Bwssb Cut
	60.00	90.00			30.00	2.60	2.45	2.53	0.30	22.73	Widening Portion & Bwssb Cut
	90.00	120.00			30.00	2.45	2.50	2.48	0.30	22.28	Widening Portion & Bwssb Cut
	120.00	150.00			30.00	2.50	2.35	2.43	0.30	21.83	Widening Portion & Bwssb Cut
	150.00	180.00			30.00	2.35	2.25	2.30	0.30	20.70	Widening Portion & Bwssb Cut
	180.00	195.00			15.00	2.25	2.25	2.25	0.30	10.13	Widening Portion & Bwssb Cut
	195.00	210.00			15.00	1.50	1.50	1.50	0.30	6.75	Widening Portion & Bwssb Cut
	210.00	240.00			30.00	1.20	1.20	1.20	0.30	10.80	Widening Portion & Bwssb Cut
	240.00	270.00			30.00	1.20	1.20	1.20	0.30	10.80	Widening Portion & Bwssb Cut
	270.00	300.00			30.00	1.20	1.20	1.20	0.30	10.80	Widening Portion & Bwssb Cut
	300.00	330.00			30.00	1.20	1.50	1.35	0.30	12.15	Widening Portion & Bwssb Cut
	330.00	356.80			26.80	1.50	1.50	1.50	0.30	12.06	Widening Portion & Bwssb Cut
	RHS From Lottegollahalli Main Road to Ring Road										
	0.00	30.00			30.00	1.00	0.60	0.80	0.25	6.00	Widening Portion
	30.00	60.00			30.00	0.60	0.60	0.60	0.25	4.50	Widening Portion
	60.00	90.00			30.00	0.60	0.50	0.55	0.25	4.13	Widening Portion
	90.00	120.00			30.00	0.50	0.80	0.65	0.25	4.88	Widening Portion
	120.00	150.00			30.00	0.80	0.40	0.60	0.25	4.50	Widening Portion
	150.00	180.00			30.00	0.50	0.40	0.45	0.25	3.38	Widening Portion
	180.00	195.00			15.00	0.40	0.50	0.45	0.25	1.69	Widening Portion
	195.00	210.00			15.00	0.50	0.70	0.60	0.25	2.25	Widening Portion
	210.00	240.00			30.00	0.70	0.60	0.65	0.25	4.88	Widening Portion
	240.00	270.00			30.00	0.60	0.45	0.53	0.25	3.94	Widening Portion
	270.00	300.00			30.00	0.45	1.20	0.83	0.25	6.19	Widening Portion
	300.00	330.00			30.00	1.20	0.50	0.85	0.25	6.38	Widening Portion
	330.00	356.80			26.80	0.50	0.80	0.65	0.25	4.36	Widening Portion
							Total Qty in Cum			**520.48**	

Consultant

Assistant Engineer 4/12

Assistant Executive Engineer

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

Name Of work : - Improvements to Road,Drain and Footpath in Devinagara main road and cross roads in ward No.8 Kodigehalli

BOQ No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
26	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub-base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										
	LKR nagar main Road										
	LHS From Railway Gate to Towards SWD Drain										
	0.00	19.60			19.60	0.50	0.60	0.55	0.23	2.48	Widening Portion
	19.60	82.10			62.50	3.30	3.50	3.40			Litigation Land
	82.10	112.10			30.00	3.50	2.90	3.20	0.23	22.08	Widening Portion
	112.10	142.10			30.00	2.90	1.20	2.05	0.23	14.15	Widening Portion
	142.10	177.60			35.50	1.20	1.20	1.20	0.23	9.80	Widening Portion
	UGD CUT Portion				21.00	1.30	1.30	1.30	0.23	6.28	UGD Cut Sinkage Portion
	177.60	207.60			30.00	1.20	2.65	1.93	0.23	13.28	Widening Portion & Bwssb Cut
	207.60	237.60			30.00	2.65	1.50	2.08	0.23	14.32	Widening Portion & Bwssb Cut
	237.60	267.60			30.00	1.50	3.20	2.35	0.23	16.22	Widening Portion & Bwssb Cut
	267.60	297.60			30.00	3.20	3.30	3.25	0.23	22.43	Widening Portion & Bwssb Cut
	297.60	327.60			30.00	3.30	2.10	2.70	0.23	18.63	Widening Portion & Bwssb Cut
	327.60	340.00			12.40	2.10	2.00	2.05	0.23	5.85	Widening Portion & Bwssb Cut
	RHS From Railway Gate to Towards SWD Drain										
	250.00	280.00			30.00	0.60	0.60	0.60	0.23	4.14	Widening Portion
	280.00	300.00			20.00	0.60	0.60	0.60	0.23	2.76	Widening Portion
	Devinagara Main Road										
	LHS From Lottegollahalli Main Road to Ring Road										
	0.00	30.00			30.00	2.60	1.50	2.05	0.23	14.15	Widening Portion & Bwssb Cut
	30.00	60.00			30.00	2.50	2.60	2.55	0.23	17.60	Widening Portion & Bwssb Cut
	60.00	90.00			30.00	2.60	2.45	2.53	0.23	17.42	Widening Portion & Bwssb Cut
	90.00	120.00			30.00	2.45	2.50	2.48	0.23	17.08	Widening Portion & Bwssb Cut
	120.00	150.00			30.00	2.50	2.35	2.43	0.23	16.73	Widening Portion & Bwssb Cut
	150.00	180.00			30.00	2.35	2.25	2.30	0.23	15.87	Widening Portion & Bwssb Cut
	180.00	195.00			15.00	2.25	2.25	2.25	0.23	7.76	Widening Portion & Bwssb Cut
	195.00	210.00			15.00	1.50	1.50	1.50	0.23	5.18	Widening Portion & Bwssb Cut
	210.00	240.00			30.00	1.20	1.20	1.20	0.23	8.28	Widening Portion & Bwssb Cut
	240.00	270.00			30.00	1.20	1.20	1.20	0.23	8.28	Widening Portion & Bwssb Cut
	270.00	300.00			30.00	1.20	1.20	1.20	0.23	8.28	Widening Portion & Bwssb Cut
	300.00	330.00			30.00	1.20	1.50	1.35	0.23	9.32	Widening Portion & Bwssb Cut
	330.00	356.80			26.80	1.50	1.50	1.50	0.23	9.25	Widening Portion & Bwssb Cut
	RHS From Lottegollahalli Main Road to Ring Road										
	0.00	30.00			30.00	1.00	0.60	0.80	0.23	5.52	Widening Portion
	30.00	60.00			30.00	0.60	0.60	0.60	0.23	4.14	Widening Portion
	60.00	90.00			30.00	0.60	0.50	0.55	0.23	3.80	Widening Portion
	90.00	120.00			30.00	0.50	0.80	0.65	0.23	4.49	Widening Portion
	120.00	150.00			30.00	0.80	0.40	0.60	0.23	4.14	Widening Portion
	150.00	180.00			30.00	0.50	0.40	0.45	0.23	3.11	Widening Portion
	180.00	195.00			15.00	0.40	0.50	0.45	0.23	1.55	Widening Portion
	195.00	210.00			15.00	0.50	0.70	0.60	0.23	2.07	Widening Portion
	210.00	240.00			30.00	0.70	0.60	0.65	0.23	4.49	Widening Portion
	240.00	270.00			30.00	0.60	0.45	0.53	0.23	3.62	Widening Portion
	270.00	300.00			30.00	0.45	1.20	0.83	0.23	5.69	Widening Portion
	300.00	330.00			30.00	1.20	0.50	0.85	0.23	5.87	Widening Portion
	330.00	356.80			26.80	0.50	0.80	0.65	0.23	4.01	Widening Portion
							Total Qty in Cum			**360.06**	

TUUS CONSULTANTS
Consultant

For KARTHIK ENTERPRISES
Authorised Signatory

Assistant Engineer W.08
11/12

Assistant Executive Engineer 11/12/12

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.